

CTC Laboratories, Inc.

TEST REPORT

| Report No: | CTC2024175204 | | |
|---------------------------------------|---|--|--|
| FCC ID: | 2A3DY-2024EXPR07 | | |
| Applicant: | Blaze Entertainment Ltd | | |
| Address: | 208, Spirella Building, Bridge Road Hertfordshire, SG6 4ET, UK | 208, Spirella Building, Bridge Road, Letchworth Garden City, Hertfordshire, SG6 4ET, UK | |
| Manufacturer | Blaze Entertainment Ltd | | |
| Address: | 208, Spirella Building, Bridge Road Hertfordshire, SG6 4ET, UK | d, Letchworth Garden City, | |
| Product Name: | Blaze Evercade EXP-R + Tomb R | aider Handheld | |
| Trade Mark: | EVERCADE | | |
| Model/Type reference | FG-EXPR-HHC-EFIGS | | |
| Listed Model(s): | FG-EXPR-HHC-GU, FG-EXPR-HHC-USA, FG-EXPR-HHC | | |
| Standard: | FCC CFR Title 47 Part 15 Subpart C Section 15.247 | | |
| Test Report Form No | CTC-TR-057_A1 | | |
| Master TRF: | Dated 2024-09-20 | | |
| Date of receipt of test sample | Jul. 17, 2024 | | |
| Date of testing | Jul. 17, 2024 to Nov. 12, 2024 | | |
| Date of issue | Nov. 12, 2024 | | |
| Result | PASS | | |
| Compiled by: | | Tim Jiang | |
| (Printed name+signature) | Jim Jiang | Jim o | |
| Supervised by: | | Tric, zhang | |
| (Printed name+signature) | Eric Zhang | | |
| Approved by: | | Jin Jiang Zic zhang Jerres | |
| (Printed name+signature) | Totti Zhao | 10- | |
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1. TEST SUMMARY

1.1. Test Standards

The tests were performed according to following standards:

FCC Rules Part 15.247: Operation within the bands 902–928MHz, 2400–2483.5MHz, and 5725–5850MHz.

<u>RSS-247 Issue 3</u>: Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices.

RSS-Gen Issue 5: General Requirements for Compliance of Radio Apparatus.

ANSI C63.10-2013: American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices.

1.2. Report Version

| Revised No. | Report No. | Date of issue | Description |
|-------------|---------------|---------------|-------------|
| 01 | CTC2024175204 | Nov. 12, 2024 | Original |
| | | | |
| | | | |

1.3. Test Description

| FCC Part 15 Subpart C (15.247) / RSS-247 Issue 3 | | | | |
|--|-----------------------------|-----------------------------|-----------------|-----------|
| Test Item | Standard Section | | Recult Test | |
| rest nem | FCC | IC | Result Engineer | |
| Antenna Requirement | 15.203 | RSS-Gen 6.8 | Pass | Jim Jiang |
| Conducted Emission | 15.207 | RSS-Gen 8.8 | Pass | Jim Jiang |
| Conducted Band Edge and Spurious Emissions | 15.247(d) | RSS-247 5.5 | Pass | Jim Jiang |
| Radiated Band Edge and Spurious Emissions | 15.205&15.209& 15.247(d) | RSS-247 5.5 | Pass | Jim Jiang |
| 6dB Bandwidth | 15.247(a)(2) | RSS-247 5.2 (a) | Pass | Jim Jiang |
| Conducted Max Output Power | 15.247(b)(3) | RSS-247 5.4 (d) | Pass | Jim Jiang |
| Power Spectral Density | 15.247(e) | RSS-247 5.2 (b) | Pass | Jim Jiang |
| Transmitter Radiated Spurious | 15.209&15.247(d) | RSS-247 5.5& RSS-Gen 8.9 | Pass | Jim Jiang |

Note:

1. The measurement uncertainty is not included in the test result.

2. N/A: means this test item is not applicable for this device according to the technology characteristic of device.

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1.4. Test Facility

Address of the report laboratory

CTC Laboratories, Inc.

Add: Room 101 of Building B, Room 107, 108, 207, 208 of Building A, No. 7, Langing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China

Laboratory accreditation

The test facility is recognized, certified, or accredited by the following organizations:

A2LA-Lab Cert. No.: 4340.01

CTC Laboratories, Inc. EMC Laboratory has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing.

Industry Canada (Registration No.: 9783A, CAB Identifier: CN0029)

CTC Laboratories, Inc. EMC Laboratory has been registered by Certification and Engineer Bureau of Industry Canada for the performance of with Registration NO.: 9783A on Jan, 2016.

FCC (Registration No.: 951311, Designation Number CN1208)

CTC Laboratories, Inc. EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration 951311, Aug 26, 2017.



1.5. Measurement Uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. to TR-100028-01 "Electromagnetic compatibility and Radio spectrum Matters (ERM);Uncertainties in the measurement of mobile radio equipment characteristics; Part 1" and TR-100028-02 "Electromagnetic compatibility and Radio spectrum Matters (ERM); Uncertainties radio equipment characteristics; Part 1" and TR-100028-02 "Electromagnetic compatibility and Radio spectrum Matters (ERM); Uncertainties in the measurement of mobile radio equipment characteristics; Part 2" and is documented in the CTC Laboratories, Inc. quality system acc. to DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

| Test Items | Measurement Uncertainty | Notes |
|---|---|-------|
| DTS Bandwidth | ±0.0196% | (1) |
| Maximum Conducted Output Power | ±0.686 dB | (1) |
| Maximum Power Spectral Density Level | ±0.743 dB | (1) |
| Band-edge Compliance | ±1.328 dB | (1) |
| Unwanted Emissions In Non-restricted Freq Bands | 9kHz-1GHz: ±0.746dB 1GHz-26GHz: ±1.328dB | (1) |
| Conducted Emissions 9kHz~30MHz | ±3.08 dB | (1) |
| Radiated Emissions 30~1000MHz | ±4.51 dB | (1) |
| Radiated Emissions 1~18GHz | ±5.84 dB | (1) |
| Radiated Emissions 18~40GHz | ±6.12 dB | (1) |

Below is the best measurement capability for CTC Laboratories, Inc.

Note (1): This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

1.6. Environmental Conditions

During the measurement the environmental conditions were within the listed ranges:

| Temperature: | 15 °C to 35 °C |
|--------------------|----------------|
| Relative Humidity: | 20 % to 75 % |
| Air Pressure: | 101 kPa |

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Society : yz.cnca.cn



2. GENERAL INFORMATION

2.1. Client Information

| Applicant: | Blaze Entertainment Ltd |
|---------------|---|
| Address: | 208, Spirella Building, Bridge Road, Letchworth Garden City, Hertfordshire, SG6 4ET, UK |
| Manufacturer: | Blaze Entertainment Ltd |
| Address: | 208, Spirella Building, Bridge Road, Letchworth Garden City, Hertfordshire, SG6 4ET, UK |

2.2. General Description of EUT

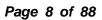
| Product Name: | Blaze Evercade EXP-R + Tomb Raider Handheld |
|-----------------------|---|
| Trade Mark: | EVERCADE |
| Model/Type reference: | FG-EXPR-HHC-EFIGS |
| Listed Model(s): | FG-EXPR-HHC-GU, FG-EXPR-HHC-USA, FG-EXPR-HHC |
| Model Difference: | All these models are identical in the same PCB, layout, electrical circuit and enclosure. The difference is the model name. |
| Sample ID: | CTC240715-005-S001 |
| Power Supply: | Type-C Input: 5V===1-3A 3.7V 3000mAh 11.1Wh form Lithium-ion Battery |
| Hardware Version: | / |
| Software Version: | / |
| 2.4G WiFi | |
| Modulation: | 802.11b: DSSS (CCK, DQPSK, DBPSK) 802.11g/ n: OFDM (BPSK, QPSK, 16QAM, 64QAM) |
| Operation Frequency: | 802.11b/ g/ n(HT20): 2412MHz~2462MHz 802.11n(HT40): 2422MHz~2452MHz |
| Channel Number: | 802.11b/ g/ n(HT20): 11 channels 802.11n(HT40): 7 channels |
| Channel Separation: | 5MHz |
| Antenna Type: | FPC Antenna |
| Directional Gain: | 1.4dBi |
| | |

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2.3. Accessory Equipment Information

| Equipment Information | | | |
|---------------------------|----------------|--------------|--------------|
| Name | Model | S/N | Manufacturer |
| Notebook | ThinkPad T460s | MP246QDR | Lenovo |
| Adapter | A2167 | / | Apple |
| Cable Information | | | |
| Name | Shielded Type | Ferrite Core | Length |
| USB Cable | Unshielded | NO | 100cm |
| Test Software Information | | | |
| Name | Version | / | / |
| adb tool | 1 | 1 | 1 |





2.4. Operation State

Operation Frequency List: The EUT has been tested under typical operating condition. The Applicant provides communication tools software to control the EUT for staying in continuous transmitting and receiving mode for testing.

Operation Frequency List:

| Channel | Frequency (MHz) |
|---------|-----------------|
| 01 | 2412 |
| 02 | 2417 |
| 03 | 2422 |
| 04 | 2427 |
| 05 | 2432 |
| 06 | 2437 |
| 07 | 2442 |
| 08 | 2447 |
| 09 | 2452 |
| 10 | 2457 |
| 11 | 2462 |

Note: CH 01~CH 11 for 802.11b/g/n(HT20), CH 03~CH 09 for 802.11n(HT40).

Data Rated:

Preliminary tests were performed in different data rate, and found which the below bit rate is worst case mode, so only show data which it is a worst case mode.

| Test Mode | Data Rate (worst mode) |
|----------------------|------------------------|
| 802.11b | 1Mbps |
| 802.11g | 6Mbps |
| 802.11n(HT20)/(HT40) | HT-MCS0 |

Test Mode:

| For RF test items: |
|--|
| The engineering test program was provided and enabled to make EUT continuous transmit. |
| For AC power line conducted emissions: |
| The EUT was set to connect with the WLAN AP under large package sizes transmission. |
| For Radiated spurious emissions test item: |

The engineering test program was provided and enabled to make EUT continuous transmit. The EUT in each of three orthogonal axis emissions had been tested, but only the worst case (X axis) data recorded in the report.

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2.5. Measurement Instruments List

| | | RF Tes | t System - SRD | | |
|----------------------------------|---|--------------|----------------|------------|------------------|
| Item | Test Equipment | Manufacturer | Model No. | Serial No. | Calibrated Until |
| 1 | 1 MXA Signal Analyzer Keysight | | N9020A | MY52091402 | Aug. 21, 2025 |
| 2 MXG Vector Signal Generator | | Agilent | N5182A | MY47420864 | Dec. 12, 2024 |
| 3 | PSG Analog Signal Generator Agilent | | E8257D | MY46521908 | Dec. 12, 2024 |
| 4 | 4 USB Wideband Keysight | | U2021XA | MY55130004 | Mar. 15, 2025 |
| 5 | USB Wideband Power Sensor | Keysight | U2021XA | MY55130006 | Mar. 15, 2025 |
| 6 | RF Control Unit | Tonscend | JS0806-2 | / | Aug. 21, 2025 |
| 7 | High and low temperature test chamber | ESPEC | MT3035 | / | Mar. 15, 2025 |
| 8 | Test Software | Tonscend | JS1120-3 | V3.3.38 | / |
| 9 | Wideband Radio Communication Tester | R&S | CMW500 | 102414 | Dec. 12, 2024 |

| Radiate | d Emission | | | | |
|---------|---------------------------------|--------------|------------|------------|------------------|
| Item | Test Equipment | Manufacturer | Model No. | Serial No. | Calibrated Until |
| 1 | Trilog-Broadband Antenna | Schwarzbeck | VULB 9163 | 01026 | Dec. 18, 2024 |
| 2 | Horn Antenna | Schwarzbeck | BBHA 9120D | 9120D-647 | Sep. 25, 2025 |
| 3 | Test Receiver | Keysight | N9038A | MY56400071 | Dec. 12, 2024 |
| 4 | Broadband Amplifier | SCHWARZBECK | BBV9743B | 259 | Dec. 12, 2024 |
| 5 | Mirowave Broadband Amplifier | SCHWARZBECK | BBV9718C | 111 | Dec. 12, 2024 |
| 6 | 3m chamber 3 | YIHENG | EE106 | / | Aug. 28, 2026 |
| 7 | Test Software | FARA | EZ-EMC | FA-03A2 | / |

| Conduc | cted Emission | | | | |
|--------|-------------------|--------------|-----------|----------------|------------------|
| Item | Test Equipment | Manufacturer | Model No. | Serial No. | Calibrated Until |
| 1 | LISN | R&S | ENV216 | 101112 | Dec. 12, 2024 |
| 2 LISN | | R&S | ENV216 | 101113 | Dec. 12, 2024 |
| 3 | EMI Test Receiver | R&S | ESCS30 | 100353 | Dec. 12, 2024 |
| 4 | ISN CAT6 | Schwarzbeck | NTFM 8158 | CAT6-8158-0046 | Dec. 12, 2024 |
| 5 | ISN CAT5 | Schwarzbeck | NTFM 8158 | CAT5-8158-0046 | Dec. 12, 2024 |
| 6 | Test Software | R&S | EMC32 | 6.10.10 | / |

Note: 1. The Cal. Interval was one year.

2. The Cal. Interval was three years of the antenna.

3. The cable loss has been calculated in test result which connection between each test instruments.

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3. TEST ITEM AND RESULTS

3.1. Conducted Emission

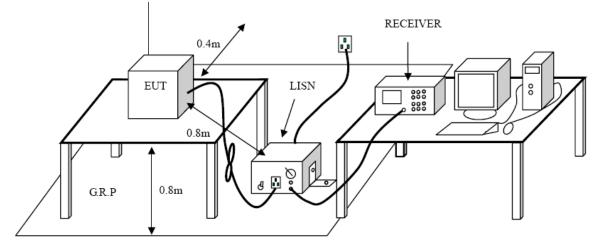
<u>Limit</u>

FCC CFR Title 47 Part 15 Subpart C Section 15.207 / RSS-Gen 8.8

| | Conducted Limit (dBµV) | | | | |
|-----------------|------------------------|------------|--|--|--|
| Frequency (MHz) | Quasi-peak | Average | | | |
| 0.15 - 0.5 | 66 to 56 * | 56 to 46 * | | | |
| 0.5 - 5 | 56 | 46 | | | |
| 5 - 30 | 60 | 50 | | | |

* Decreases with the logarithm of the frequency.

Test Configuration



Test Procedure

1. The EUT was setup according to ANSI C63.10:2013 requirements.

2. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface.

3. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm / 50 μ H coupling impedance for the measuring equipment.

4. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs)

5. Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.

6. The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.

7. Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.

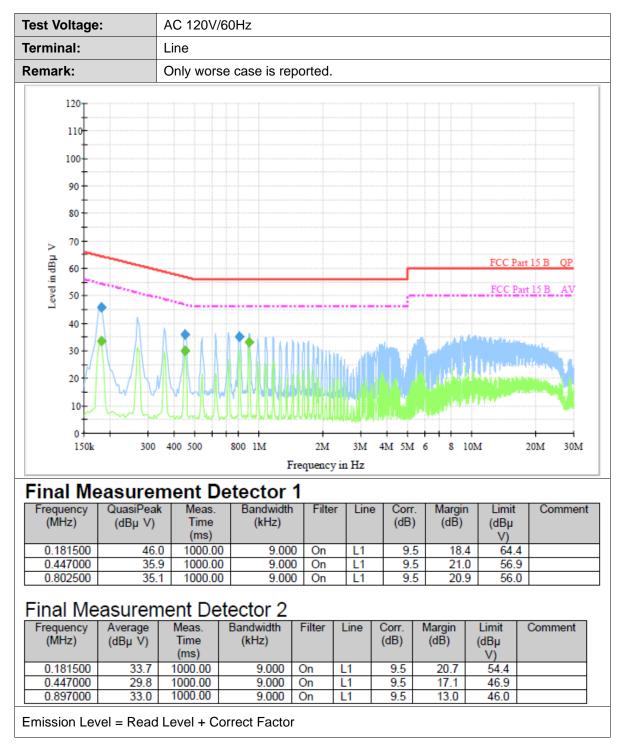
8. During the above scans, the emissions were maximized by cable manipulation.

Test Mode

Please refer to the clause 2.4.

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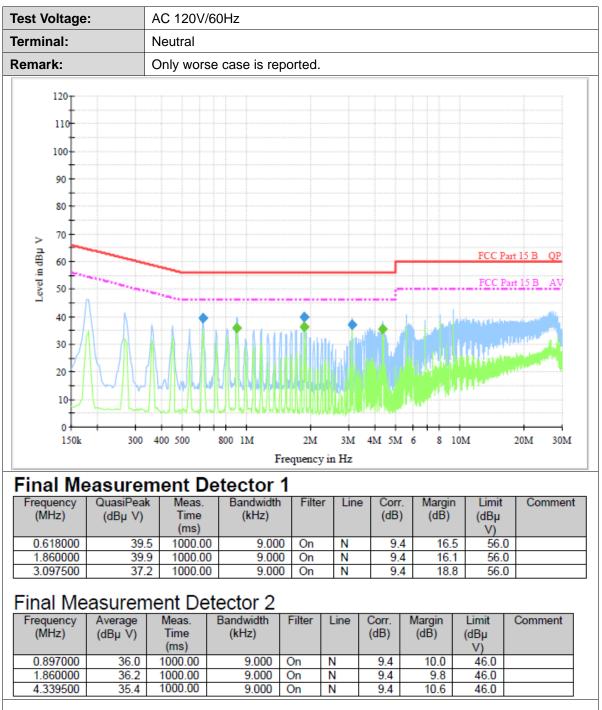


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Emission Level = Read Level + Correct Factor

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3.2. Radiated Emission

<u>Limit</u>

FCC CFR Title 47 Part 15 Subpart C Section 15.209 / RSS-Gen 8.9

| Frequency | Field Strength | Measurement Distance |
|-------------|--------------------|----------------------|
| (MHz) | (microvolts/meter) | (meters) |
| 0.009~0.490 | 2400/F (kHz) | 300 |
| 0.490~1.705 | 24000/F (kHz) | 30 |
| 1.705~30.0 | 30 | 30 |
| 30~88 | 100 | 3 |
| 88~216 | 150 | 3 |
| 216~960 | 200 | 3 |
| 960~1000 | 500 | 3 |

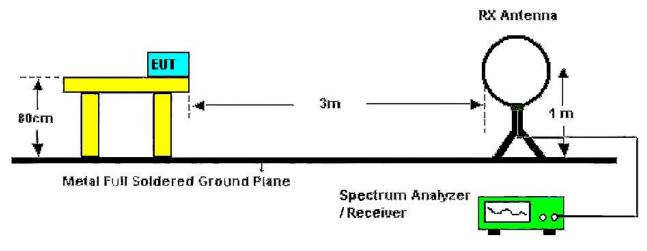
| | dBµV/m (at 3 meters) | | | | |
|-----------------------|----------------------|---------|--|--|--|
| Frequency Range (MHz) | Peak | Average | | | |
| Above 1000 | 74 | 54 | | | |

Note:

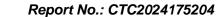
(1) The tighter limit applies at the band edges.

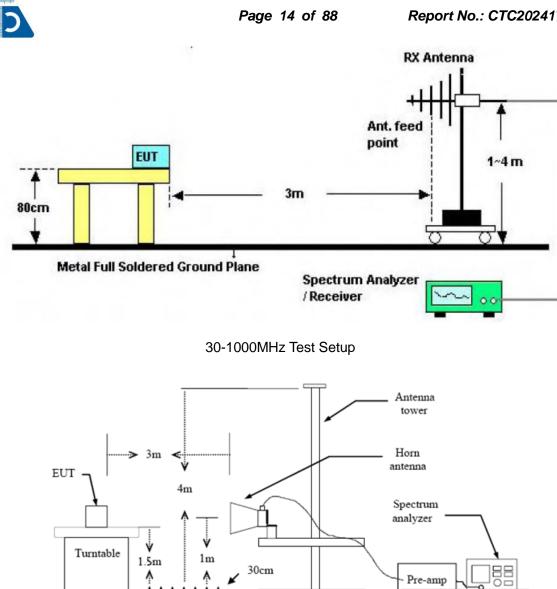
(2) Emission Level ($dB\mu V/m$)=20log Emission Level ($\mu V/m$).

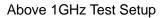
Test Configuration



Below 30MHz Test Setup







Test Procedure

1. The EUT was setup and tested according to ANSI C63.10:2013.

The EUT is placed on a turn table which is 0.8 meter above ground for below 1 GHz, and 1.5 m for 2. above 1 GHz. The turn table is rotated 360 degrees to determine the position of the maximum emission level.

The EUT was set 3 meters from the receiving antenna, which was mounted on the top of a variable 3. height antenna tower.

For each suspected emission, the EUT was arranged to its worst case and then tune the Antenna 4. tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level to comply with the guidelines.

- Set to the maximum power setting and enable the EUT transmit continuously. 5.
- Use the following spectrum analyzer settings 6.
- (1) Span shall wide enough to fully capture the emission being measured;

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(2) 9k – 150kHz:

RBW=300 Hz, VBW=1 kHz, Sweep=auto, Detector function=peak, Trace=max hold (3) 0.15M – 30MHz:

RBW=10 kHz, VBW=30 kHz, Sweep=auto, Detector function=peak, Trace=max hold (4) 30M - 1 GHz:

RBW=120 kHz, VBW=300 kHz, Sweep=auto, Detector function=peak, Trace=max hold

If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

(5) From 1 GHz to 10th harmonic:

RBW=1MHz, VBW=3MHz Peak detector for Peak value.

RBW=1MHz, VBW see note 1 with Peak Detector for Average Value.

Note 1: For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with 1/T video bandwidth with peak detector for average measurements. For the Duty Cycle please refer to clause 3.8 Duty Cycle.

Test Mode

Please refer to the clause 2.4.

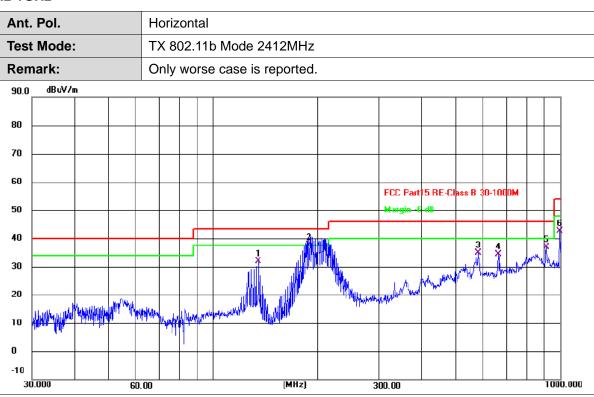
<u>Test Result</u>

9 kHz~30 MHz

From 9 kHz to 30 MHz: The conclusion is PASS.

Note: The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.



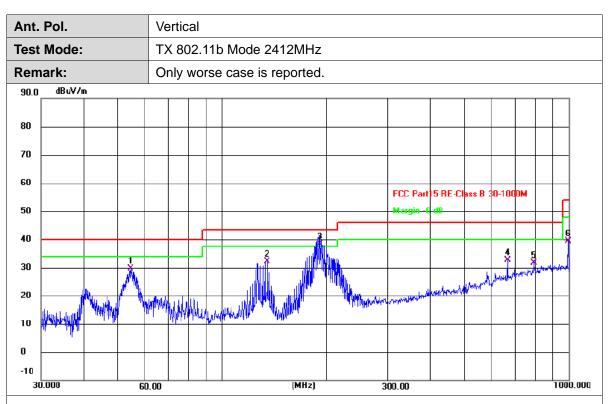


| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|-----|--------------------|-------------------|------------------|-------------------|-------------------|----------------|----------|
| 1 | 135.0318 | 53.18 | -21.28 | 31.90 | 43.50 | -11.60 | QP |
| 2 * | 189.0743 | 56.56 | -18.81 | 37.75 | 43.50 | -5.75 | QP |
| 3 | 578.6700 | 43.71 | -8.86 | 34.85 | 46.00 | -11.15 | QP |
| 4 | 663.4728 | 41.82 | -7.43 | 34.39 | 46.00 | -11.61 | QP |
| 5 | 912.8620 | 40.67 | -3.91 | 36.76 | 46.00 | -9.24 | QP |
| 6 | 996.4995 | 45.67 | -3.02 | 42.65 | 54.00 | -11.35 | QP |

1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor

2.Margin value = Level -Limit value





| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|-----|--------------------|-------------------|------------------|-------------------|-------------------|----------------|----------|
| 1 | 54.4516 | 45.70 | -16.15 | 29.55 | 40.00 | -10.45 | QP |
| 2 | 135.0319 | 53.35 | -21.28 | 32.07 | 43.50 | -11.43 | QP |
| 3 * | 191.0738 | 56.90 | -18.58 | 38.32 | 43.50 | -5.18 | QP |
| 4 | 665.8035 | 40.10 | -7.39 | 32.71 | 46.00 | -13.29 | QP |
| 5 | 793.3958 | 37.04 | -5.45 | 31.59 | 46.00 | -14.41 | QP |
| 6 | 996.4996 | 42.50 | -3.02 | 39.48 | 54.00 | -14.52 | QP |

1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor

2.Margin value = Level -Limit value



| A | Ant. Pol. | | Horizontal | | | | | | |
|---------|------------|---------------------------|--|------------------|-------------------|-------------------|----------------|----------|--|
| Те | Test Mode: | | TX 802.11b M | lode 2412MF | Ηz | | | | |
| Remark: | | No report for t limit. | No report for the emission which more than 20 dB below the prescribed limit. | | | | | | |
| | No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | |
| | 1 | 3983.749 | 41.38 | 0.47 | 41.85 | 74.00 | -32.15 | peak | |
| | 2 | 4821.757 | 55.12 | 2.01 | 57.13 | 74.00 | -16.87 | peak | |
| | 3 * | 4821.757 | 50.12 | 2.01 | 52.13 | 54.00 | -1.87 | AVG | |
| | 4 | 6078.644 | 39.52 | 5.89 | 45.41 | 74.00 | -28.59 | peak | |
| | 5 | 7682.696 | 39.60 | 10.20 | 49.80 | 74.00 | -24.20 | peak | |
| | 6 | 9134.575 | 39.16 | 12.15 | 51.31 | 74.00 | -22.69 | peak | |
| | 7 | 10453.949 | 39.52 | 13.92 | 53.44 | 74.00 | -20.56 | peak | |

1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor

2.Margin value = Level -Limit value

| A | Ant. Pol. | | Vertical | | | | | |
|---------|-----------|--|-------------------|------------------|-------------------|-------------------|----------------|----------|
| T | est Mode | e: | TX 802.11b M | lode 2412MH | łz | | | |
| Remark: | | No report for the emission which more than 20 dB below the prescribed limit. | | | | | | |
| | No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
| | 1 | 3776.385 | 41.96 | -0.32 | 41.64 | 74.00 | -32.36 | peak |
| | 2 | 4821.757 | 48.31 | 2.01 | 50.32 | 74.00 | -23.68 | peak |
| | 3 | 6428.771 | 39.45 | 7.14 | 46.59 | 74.00 | -27.41 | peak |
| | | | | | | | | |

9.58

12.22

15.33

48.86

52.43

53.35

74.00

74.00

74.00

-25.14

-21.57

-20.65

peak

peak

peak

Remarks:

4

5

6 *

1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor

39.28

40.21

38.02

2.Margin value = Level -Limit value

7117.842

9157.857

11933.475

CTC Laboratories, Inc.



| Α | Ant. Pol. | | Horizontal | | | | | |
|------------|-----------|------------------------|-------------------------|------------------|-------------------|-----------------------|----------------|----------|
| Test Mode: | | ə: | TX 802.11b Mode 2437MHz | | | | | |
| Remark: | | No report for t limit. | he emission | which more | than 20 dB b | elow the _l | prescribed | |
| | No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
| | 1 | 3968.833 | 41.49 | 0.42 | 41.91 | 74.00 | -32.09 | peak |
| | 2 | 4873.583 | 55.49 | 2.09 | 57.58 | 74.00 | -16.42 | peak |
| | 3 * | 4873.583 | 50.49 | 2.09 | 52.58 | 54.00 | -1.42 | AVG |
| | 4 | 7145.250 | 39.71 | 9.73 | 49.44 | 74.00 | -24.56 | peak |
| | 5 | 9174.083 | 38.20 | 12.28 | 50.48 | 74.00 | -23.52 | peak |
| | 6 | 10729.000 | 38.79 | 14.31 | 53.10 | 74.00 | -20.90 | peak |
| | 7 | 12272.167 | 37.92 | 15.64 | 53.56 | 74.00 | -20.44 | peak |

1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor

2.Margin value = Level -Limit value

| A | Ant. Pol. | | Vertical | Vertical | | | | | | |
|---------|-----------|--------------------|---------------------------|-------------------------|-------------------|-------------------|----------------|------------|--|--|
| T | est Mode | ə: | TX 802.11b M | TX 802.11b Mode 2437MHz | | | | | | |
| Remark: | | | No report for t limit. | he emission | which more | than 20 dB b | elow the p | orescribed | | |
| | No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | | |
| | 1 | 3988.417 | 41.21 | 0.50 | 41.71 | 74.00 | -32.29 | peak | | |
| | 2 | 4873.583 | 48.32 | 2.09 | 50.41 | 74.00 | -23.59 | peak | | |
| | 3 | 6401.083 | 39.71 | 7.07 | 46.78 | 74.00 | -27.22 | peak | | |
| | 4 | 7924.667 | 38.43 | 10.71 | 49.14 | 74.00 | -24.86 | peak | | |
| | 5 | 9099.667 | 38.59 | 12.03 | 50.62 | 74.00 | -23.38 | peak | | |
| | 6 * | 11061.917 | 38.46 | 14.70 | 53.16 | 74.00 | -20.84 | peak | | |

Remarks:

1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor

2.Margin value = Level -Limit value

CTC Laboratories, Inc.



| Α | nt. Pol. | | Horizontal | | | | | | |
|----|----------|--------------------|---------------------------|------------------|-------------------|-------------------|-----------------------|------------|---|
| Те | est Mode |): | TX 802.11b M | lode 2462MH | łz | | | | |
| R | emark: | | No report for t limit. | he emission | which more | than 20 dB b | elow the _l | prescribed | |
| | No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | - |
| | 1 | 3961.000 | 41.68 | 0.38 | 42.06 | 74.00 | -31.94 | peak | |
| | 2 | 4924.500 | 55.63 | 2.16 | 57.79 | 74.00 | -16.21 | peak | |
| | 3 * | 4924.500 | 50.63 | 2.16 | 52.79 | 54.00 | -1.21 | AVG | |
| | 4 | 7184.417 | 38.71 | 9.93 | 48.64 | 74.00 | -25.36 | peak | |
| | 5 | 8469.083 | 39.46 | 10.67 | 50.13 | 74.00 | -23.87 | peak | |
| | 6 | 10341.250 | 39.11 | 13.80 | 52.91 | 74.00 | -21.09 | peak | |
| | 7 | 12515.000 | 37.43 | 15.82 | 53.25 | 74.00 | -20.75 | peak | |

1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor

2.Margin value = Level -Limit value

| A | nt. Pol. | | Vertical | | | | | | | | |
|----|----------|--------------------|--|-------------------------|-------------------|-------------------|----------------|----------|--|--|--|
| Te | est Mode | : | TX 802.11b M | TX 802.11b Mode 2462MHz | | | | | | | |
| R | emark: | | No report for the emission which more than 20 dB below the prescribed limit. | | | | | | | | |
| | No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | | | |
| | 1 | 3882.667 | 42.31 | 0.08 | 42.39 | 74.00 | -31.61 | peak | | | |
| | 2 | 4924.500 | 47.75 | 2.16 | 49.91 | 74.00 | -24.09 | peak | | | |
| | 3 | 7223.583 | 38.95 | 10.03 | 48.98 | 74.00 | -25.02 | peak | | | |
| | 4 | 7944.250 | 38.97 | 10.74 | 49.71 | 74.00 | -24.29 | peak | | | |
| | 5 | 9988.750 | 39.37 | 13.16 | 52.53 | 74.00 | -21.47 | peak | | | |
| | 6 * | 12644.250 | 37.27 | 16.18 | 53.45 | 74.00 | -20.55 | peak | | | |

Remarks:

1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor

2.Margin value = Level -Limit value

CTC Laboratories, Inc.



| A | nt. Pol. | | Horizontal | | | | | | | | |
|----|----------|--------------------|---------------------------|--|-------------------|-------------------|----------------|----------|--|--|--|
| Te | est Mode | e : | TX 802.11g M | lode 2412MI | Ηz | | | | | | |
| R | emark: | | No report for t limit. | No report for the emission which more than 20 dB below the prescribed limit. | | | | | | | |
| | No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | | | |
| | 1 | 3957.083 | 41.56 | 0.37 | 41.93 | 74.00 | -32.07 | peak | | | |
| | 2 | 4826.583 | 49.45 | 2.02 | 51.47 | 74.00 | -22.53 | peak | | | |
| | 3 | 7133.500 | 39.42 | 9.66 | 49.08 | 74.00 | -24.92 | peak | | | |
| | 4 | 8003.000 | 39.30 | 10.86 | 50.16 | 74.00 | -23.84 | peak | | | |
| | 5 * | 10071.000 | 39.98 | 13.32 | 53.30 | 74.00 | -20.70 | peak | | | |
| | 6 | 11547.583 | 38.09 | 15.03 | 53.12 | 74.00 | -20.88 | peak | | | |

1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor

2.Margin value = Level -Limit value

| A | nt. Pol. | | Vertical | | | | | | | |
|----|----------|--------------------|---|------------------|-------------------|-------------------|----------------|----------|--|--|
| Te | est Mode | e : | TX 802.11g M | lode 2412MH | Ηz | | | | | |
| R | emark: | | No report for the emission which more than 20 dB below the prescribed imit. | | | | | | | |
| | No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | | |
| | 1 | 3961.000 | 42.15 | 0.38 | 42.53 | 74.00 | -31.47 | peak | | |
| | 2 | 4830.500 | 41.12 | 2.03 | 43.15 | 74.00 | -30.85 | peak | | |
| | 3 | 5805.750 | 40.33 | 4.95 | 45.28 | 74.00 | -28.72 | peak | | |
| | 4 | 7043.417 | 40.74 | 9.18 | 49.92 | 74.00 | -24.08 | peak | | |
| | 5 | 7877.667 | 39.71 | 10.59 | 50.30 | 74.00 | -23.70 | peak | | |
| | 6 * | 11042.333 | 38.68 | 14.69 | 53.37 | 74.00 | -20.63 | peak | | |

Remarks:

1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor

2.Margin value = Level -Limit value

CTC Laboratories, Inc.



| A | nt. Pol. | | Horizontal | | | | | | | |
|----|----------|--------------------|--|------------------|-------------------|-------------------|----------------|----------|--|--|
| Te | est Mode | : : | TX 802.11g M | lode 2437MH | Ηz | | | | | |
| R | emark: | | No report for the emission which more than 20 dB below the prescribed limit. | | | | | | | |
| | No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | | |
| | 1 | 3945.333 | 41.66 | 0.33 | 41.99 | 74.00 | -32.01 | peak | | |
| | 2 | 4877.500 | 47.05 | 2.10 | 49.15 | 74.00 | -24.85 | peak | | |
| | 3 | 5946.750 | 39.75 | 5.45 | 45.20 | 74.00 | -28.80 | peak | | |
| | 4 | 7771.917 | 39.94 | 10.37 | 50.31 | 74.00 | -23.69 | peak | | |
| | 5 | 10309.917 | 39.19 | 13.74 | 52.93 | 74.00 | -21.07 | peak | | |
| | 6 * | 12464.083 | 37.48 | 15.68 | 53.16 | 74.00 | -20.84 | peak | | |

1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor

2.Margin value = Level -Limit value

| A | nt. Pol. | | Vertical | | | | | | | | |
|----|----------|--------------------|---------------------------|---|-------------------|-------------------|----------------|----------|--|--|--|
| Te | est Mode |): | TX 802.11g M | lode 2437MH | Ηz | | | | | | |
| R | emark: | | No report for t limit. | No report for the emission which more than 20 dB below the prescribed imit. | | | | | | | |
| | No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | | | |
| | 1 | 4004.083 | 41.59 | 0.54 | 42.13 | 74.00 | -31.87 | peak | | | |
| | 2 | 4928.417 | 41.18 | 2.16 | 43.34 | 74.00 | -30.66 | peak | | | |
| | 3 | 6432.417 | 38.80 | 7.14 | 45.94 | 74.00 | -28.06 | peak | | | |
| | 4 | 7983.417 | 38.67 | 10.83 | 49.50 | 74.00 | -24.50 | peak | | | |
| | 5 | 9612.750 | 38.98 | 12.62 | 51.60 | 74.00 | -22.40 | peak | | | |
| | 6 * | 12742.167 | 37.04 | 16.42 | 53.46 | 74.00 | -20.54 | peak | | | |

Remarks:

1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor

2.Margin value = Level -Limit value

CTC Laboratories, Inc.



| A | nt. Pol. | | Horizontal | | | | | | | | |
|----|----------|--------------------|--|-------------------------|-------------------|-------------------|----------------|----------|--|--|--|
| Te | est Mode |) : | TX 802.11g M | TX 802.11g Mode 2462MHz | | | | | | | |
| R | emark: | | No report for the emission which more than 20 dB below the prescribed limit. | | | | | | | | |
| | No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | | | |
| | 1 | 4920.583 | 44.21 | 2.15 | 46.36 | 74.00 | -27.64 | peak | | | |
| | 2 | 6424.583 | 38.89 | 7.13 | 46.02 | 74.00 | -27.98 | peak | | | |
| | 3 | 8065.667 | 39.62 | 10.70 | 50.32 | 74.00 | -23.68 | peak | | | |
| | 4 | 9166.250 | 38.80 | 12.26 | 51.06 | 74.00 | -22.94 | peak | | | |
| | 5 | 10913.083 | 38.49 | 14.58 | 53.07 | 74.00 | -20.93 | peak | | | |
| | 6 * | 12233.000 | 37.55 | 15.69 | 53.24 | 74.00 | -20.76 | peak | | | |

1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor

2.Margin value = Level -Limit value

| A | nt. Pol. | | Vertical | | | | | | | |
|----|----------|--------------------|--|------------------|-------------------|-------------------|----------------|----------|--|--|
| Te | est Mod | e: | TX 802.11g M | lode 2462MI | Ηz | | | | | |
| R | emark: | | No report for the emission which more than 20 dB below the prescribed limit. | | | | | | | |
| | No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | | |
| | 1 | 4556.333 | 40.75 | 1.50 | 42.25 | 74.00 | -31.75 | peak | | |
| | 2 | 5582.500 | 39.26 | 4.04 | 43.30 | 74.00 | -30.70 | peak | | |
| | 3 | 7478.167 | 38.66 | 10.09 | 48.75 | 74.00 | -25.25 | peak | | |
| | 4 | 9044.833 | 38.87 | 11.84 | 50.71 | 74.00 | -23.29 | peak | | |
| | 5 | 10255.083 | 37.45 | 13.66 | 51.11 | 74.00 | -22.89 | peak | | |
| | 6 * | 12142.917 | 37.60 | 15.65 | 53.25 | 74.00 | -20.75 | peak | | |

Remarks:

1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor

2.Margin value = Level -Limit value

CTC Laboratories, Inc.



| A | nt. Pol. | | Horizontal | | | | | | | | |
|----|----------|--------------------|--|-------------------------------|-------------------|-------------------|----------------|----------|--|--|--|
| Te | est Mod | e: | TX 802.11n(H | TX 802.11n(HT20) Mode 2412MHz | | | | | | | |
| R | emark: | | No report for the emission which more than 20 dB below the prescribed limit. | | | | | | | | |
| | No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | | | |
| | 1 | 3698.583 | 41.71 | -0.54 | 41.17 | 74.00 | -32.83 | peak | | | |
| | 2 | 4822.667 | 46.33 | 2.01 | 48.34 | 74.00 | -25.66 | peak | | | |
| | 3 | 6287.500 | 38.95 | 6.62 | 45.57 | 74.00 | -28.43 | peak | | | |
| | 4 | 7909.000 | 39.15 | 10.67 | 49.82 | 74.00 | -24.18 | peak | | | |
| | 5 | 10247.250 | 38.32 | 13.66 | 51.98 | 74.00 | -22.02 | peak | | | |
| | 6 * | 12366.167 | 38.07 | 15.53 | 53.60 | 74.00 | -20.40 | peak | | | |

1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor

2.Margin value = Level -Limit value

| A | nt. Pol. | | Vertical | | | | | | | | |
|----|----------|--------------------|---------------------------|--|-------------------|-------------------|----------------|----------|--|--|--|
| Te | est Mode |) : | TX 802.11n(H | TX 802.11n(HT20) Mode 2412MHz No report for the emission which more than 20 dB below the prescribed limit. | | | | | | | |
| R | emark: | | No report for t limit. | | | | | | | | |
| | No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | | | |
| | 1 | 3060.167 | 39.19 | -2.06 | 37.13 | 74.00 | -36.87 | peak | | | |
| | 2 | 4607.250 | 40.74 | 1.61 | 42.35 | 74.00 | -31.65 | peak | | | |
| | 3 | 6487.250 | 39.22 | 7.28 | 46.50 | 74.00 | -27.50 | peak | | | |
| | 4 | 8151.833 | 39.00 | 10.48 | 49.48 | 74.00 | -24.52 | peak | | | |
| | 5 | 10862.167 | 38.40 | 14.52 | 52.92 | 74.00 | -21.08 | peak | | | |
| | 6 * | 12393.583 | 37.84 | 15.50 | 53.34 | 74.00 | -20.66 | peak | | | |

Remarks:

1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor

2.Margin value = Level -Limit value

CTC Laboratories, Inc.



| Α | nt. Pol. | | Horizontal | | | | | | | |
|----|----------|--------------------|--|------------------|-------------------|-------------------|----------------|----------|--|--|
| Te | est Mode |) : | TX 802.11n(H | T20) Mode 2 | 2437MHz | | | | | |
| R | emark: | | No report for the emission which more than 20 dB below the prescribed limit. | | | | | | | |
| | No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | | |
| | 1 | 4000.167 | 42.22 | 0.54 | 42.76 | 74.00 | -31.24 | peak | | |
| | 2 | 4873.583 | 43.95 | 2.09 | 46.04 | 74.00 | -27.96 | peak | | |
| | 3 | 6354.083 | 40.10 | 6.88 | 46.98 | 74.00 | -27.02 | peak | | |
| | 4 | 8026.500 | 39.08 | 10.80 | 49.88 | 74.00 | -24.12 | peak | | |
| | 5 | 9812.500 | 38.03 | 12.96 | 50.99 | 74.00 | -23.01 | peak | | |
| | 6 * | 11571.083 | 38.54 | 15.08 | 53.62 | 74.00 | -20.38 | peak | | |

1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor

2.Margin value = Level -Limit value

| A | nt. Pol. | | Vertical | | | | | | | | |
|----|----------|--------------------|---------------------------|--|-------------------|-------------------|----------------|----------|--|--|--|
| Te | est Mode | e: | TX 802.11n(H | T20) Mode 2 | 2437MHz | | | | | | |
| R | emark: | | No report for t limit. | No report for the emission which more than 20 dB below the prescribed limit. | | | | | | | |
| | No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | | | |
| | 1 | 3635.917 | 41.14 | -0.73 | 40.41 | 74.00 | -33.59 | peak | | | |
| | 2 | 4462.333 | 42.02 | 1.29 | 43.31 | 74.00 | -30.69 | peak | | | |
| | 3 | 6659.583 | 38.68 | 7.68 | 46.36 | 74.00 | -27.64 | peak | | | |
| | 4 | 8010.833 | 40.00 | 10.84 | 50.84 | 74.00 | -23.16 | peak | | | |
| | 5 * | 10846.500 | 39.11 | 14.50 | 53.61 | 74.00 | -20.39 | peak | | | |
| | 6 | 12393.583 | 37.64 | 15.50 | 53.14 | 74.00 | -20.86 | peak | | | |

Remarks:

1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor

2.Margin value = Level -Limit value

CTC Laboratories, Inc.



| A | nt. Pol. | | Horizontal | | | | | | | |
|----|----------|--------------------|--|------------------|-------------------|-------------------|----------------|----------|--|--|
| Te | est Mode | : : | TX 802.11n(H | T20) Mode 2 | 2462MHz | | | | | |
| R | emark: | | No report for the emission which more than 20 dB below the prescribed limit. | | | | | | | |
| | No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | | |
| | 1 | 3984.500 | 41.81 | 0.47 | 42.28 | 74.00 | -31.72 | peak | | |
| | 2 | 4912.750 | 43.65 | 2.14 | 45.79 | 74.00 | -28.21 | peak | | |
| | 3 | 7227.500 | 39.60 | 10.03 | 49.63 | 74.00 | -24.37 | peak | | |
| | 4 | 9252.417 | 39.48 | 12.41 | 51.89 | 74.00 | -22.11 | peak | | |
| | 5 | 10764.250 | 38.45 | 14.39 | 52.84 | 74.00 | -21.16 | peak | | |
| | 6 * | 12346.583 | 38.00 | 15.55 | 53.55 | 74.00 | -20.45 | peak | | |

1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor

2.Margin value = Level -Limit value

| A | nt. Pol. | | Vertical | | | | | | | | |
|----|----------|--------------------|--|-------------------------------|-------------------|-------------------|----------------|----------|--|--|--|
| Te | est Mode | e: | TX 802.11n(H | TX 802.11n(HT20) Mode 2462MHz | | | | | | | |
| R | emark: | | No report for the emission which more than 20 dB below the prescribed limit. | | | | | | | | |
| | No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | | | |
| | 1 | 4039.333 | 41.67 | 0.58 | 42.25 | 74.00 | -31.75 | peak | | | |
| | 2 | 4924.500 | 42.04 | 2.16 | 44.20 | 74.00 | -29.80 | peak | | | |
| | 3 | 6389.333 | 39.70 | 7.02 | 46.72 | 74.00 | -27.28 | peak | | | |
| | 4 | 7196.167 | 39.82 | 10.00 | 49.82 | 74.00 | -24.18 | peak | | | |
| | 5 | 8359.417 | 40.01 | 10.50 | 50.51 | 74.00 | -23.49 | peak | | | |
| | 6 * | 10956.167 | 38.79 | 14.62 | 53.41 | 74.00 | -20.59 | peak | | | |

Remarks:

1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor

2.Margin value = Level -Limit value

CTC Laboratories, Inc.



| A | nt. Pol. | | Horizontal | | | | | |
|---|----------|--------------------|---------------------------|------------------|-------------------|-------------------|----------------|------------|
| T | est Mode | e : | TX 802.11n(H | T40) Mode 2 | 2422MHz | | | |
| R | emark: | | No report for t limit. | he emission | which more | than 20 dB b | elow the p | orescribed |
| | No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
| | 1 | 3867.000 | 42.02 | 0.02 | 42.04 | 74.00 | -31.96 | peak |
| | 2 | 4850.083 | 44.99 | 2.05 | 47.04 | 74.00 | -26.96 | peak |
| | 3 | 7129.583 | 40.47 | 9.64 | 50.11 | 74.00 | -23.89 | peak |
| | 4 | 8888.167 | 38.77 | 11.53 | 50.30 | 74.00 | -23.70 | peak |
| | 5 | 10396.083 | 38.60 | 13.88 | 52.48 | 74.00 | -21.52 | peak |
| | 6 * | 12252.583 | 37.48 | 15.67 | 53.15 | 74.00 | -20.85 | peak |

1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor

2.Margin value = Level -Limit value

| A | nt. Pol. | | Vertical | | | | | | | |
|----|----------|--------------------|--|------------------|-------------------|-------------------|----------------|----------|--|--|
| Te | est Mode |): | TX 802.11n(H | T40) Mode 2 | 2422MHz | | | | | |
| R | emark: | | No report for the emission which more than 20 dB below the prescribed limit. | | | | | | | |
| | No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | | |
| | 1 | 4407.500 | 41.80 | 1.14 | 42.94 | 74.00 | -31.06 | peak | | |
| | 2 | 6405.000 | 38.81 | 7.08 | 45.89 | 74.00 | -28.11 | peak | | |
| | 3 | 7196.167 | 39.00 | 10.00 | 49.00 | 74.00 | -25.00 | peak | | |
| | 4 | 9604.917 | 38.49 | 12.60 | 51.09 | 74.00 | -22.91 | peak | | |
| | 5 | 10870.000 | 38.97 | 14.52 | 53.49 | 74.00 | -20.51 | peak | | |
| | 6 * | 12264.333 | 37.91 | 15.65 | 53.56 | 74.00 | -20.44 | peak | | |

Remarks:

1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor

2.Margin value = Level -Limit value

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| A | nt. Pol. | | Horizontal | | | | | | | |
|----|----------|--------------------|--|------------------|-------------------|-------------------|----------------|----------|--|--|
| Te | est Mode |): | TX 802.11n(HT40) Mode 2437MHz | | | | | | | |
| R | emark: | | No report for the emission which more than 20 dB below the prescribed limit. | | | | | | | |
| | No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | | |
| | 1 | 4861.833 | 43.05 | 2.07 | 45.12 | 74.00 | -28.88 | peak | | |
| | 2 | 6502.917 | 39.11 | 7.33 | 46.44 | 74.00 | -27.56 | peak | | |
| | 3 | 7959.917 | 40.39 | 10.78 | 51.17 | 74.00 | -22.83 | peak | | |
| | 4 | 9561.833 | 38.49 | 12.59 | 51.08 | 74.00 | -22.92 | peak | | |
| | 5 * | 10768.167 | 39.28 | 14.39 | 53.67 | 74.00 | -20.33 | peak | | |
| | 6 | 12432.750 | 37.64 | 15.59 | 53.23 | 74.00 | -20.77 | peak | | |

1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor

2.Margin value = Level -Limit value

| A | nt. Pol. | | Vertical | | | | | | | | |
|----|----------|--------------------|--|-------------------------------|-------------------|-------------------|----------------|----------|--|--|--|
| Te | est Mode | e: | TX 802.11n(H | TX 802.11n(HT40) Mode 2437MHz | | | | | | | |
| R | emark: | | No report for the emission which more than 20 dB below the prescribed limit. | | | | | | | | |
| | No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | | | |
| | 1 | 3867.000 | 42.20 | 0.02 | 42.22 | 74.00 | -31.78 | peak | | | |
| | 2 | 4528.917 | 41.54 | 1.44 | 42.98 | 74.00 | -31.02 | peak | | | |
| | 3 | 6283.583 | 39.42 | 6.59 | 46.01 | 74.00 | -27.99 | peak | | | |
| | 4 | 8273.250 | 39.20 | 10.41 | 49.61 | 74.00 | -24.39 | peak | | | |
| | 5 | 10439.167 | 38.68 | 13.91 | 52.59 | 74.00 | -21.41 | peak | | | |
| | 6 * | 12280.000 | 37.46 | 15.63 | 53.09 | 74.00 | -20.91 | peak | | | |

Remarks:

1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor

2.Margin value = Level -Limit value

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For anti-fake verification, please visit the official website of China Inspection And Testing



| A | nt. Pol. | | Horizontal | | | | | | | |
|----|----------|--------------------|--|------------------|-------------------|-------------------|----------------|----------|--|--|
| Te | est Mode |): | TX 802.11n(HT40) Mode 2452MHz | | | | | | | |
| R | emark: | | No report for the emission which more than 20 dB below the prescribed limit. | | | | | | | |
| | No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | | |
| | 1 | 4904.917 | 43.17 | 2.13 | 45.30 | 74.00 | -28.70 | peak | | |
| | 2 | 6358.000 | 38.81 | 6.89 | 45.70 | 74.00 | -28.30 | peak | | |
| | 3 | 7227.500 | 39.39 | 10.03 | 49.42 | 74.00 | -24.58 | peak | | |
| | 4 | 9213.250 | 39.02 | 12.38 | 51.40 | 74.00 | -22.60 | peak | | |
| | 5 | 10889.583 | 38.74 | 14.55 | 53.29 | 74.00 | -20.71 | peak | | |
| | 6 * | 12460.167 | 37.89 | 15.66 | 53.55 | 74.00 | -20.45 | peak | | |

1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor

2.Margin value = Level -Limit value

| A | nt. Pol. | | Vertical | | | | | | | | |
|----|----------|--------------------|---|-------------------------------|-------------------|-------------------|----------------|----------|--|--|--|
| Te | est Mode | e: | TX 802.11n(H | TX 802.11n(HT40) Mode 2452MHz | | | | | | | |
| R | emark: | | No report for the emission which more than 20 dB below the prescribe limit. | | | | | | | | |
| | No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | | | |
| | 1 | 4744.333 | 41.26 | 1.88 | 43.14 | 74.00 | -30.86 | peak | | | |
| | 2 | 6365.833 | 39.28 | 6.93 | 46.21 | 74.00 | -27.79 | peak | | | |
| | 3 | 7192.250 | 39.36 | 9.98 | 49.34 | 74.00 | -24.66 | peak | | | |
| | 4 | 8042.167 | 39.64 | 10.76 | 50.40 | 74.00 | -23.60 | peak | | | |
| | 5 | 10247.250 | 38.52 | 13.66 | 52.18 | 74.00 | -21.82 | peak | | | |
| | 6 * | 11496.667 | 38.71 | 14.95 | 53.66 | 74.00 | -20.34 | peak | | | |

Remarks:

1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor

2.Margin value = Level -Limit value

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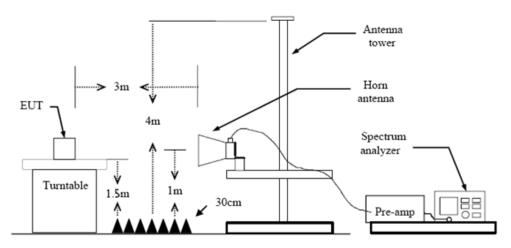
3.3. Band Edge Emissions (Radiated)

<u>Limit</u>

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (d) / RSS-247 5.5

| Restricted Frequency Band | (dBµV/m) (at 3m) | | | | |
|---------------------------|------------------|---------|--|--|--|
| (MHz) | Peak | Average | | | |
| 2310 ~ 2390 | 74 | 54 | | | |
| 2483.5 ~ 2500 | 74 | 54 | | | |

Test Configuration



Test Procedure

1. The EUT was setup and tested according to ANSI C63.10:2013 requirements.

2. The EUT is placed on a turn table which is 1.5 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level.

3. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

4. The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10:2013 on radiated measurement.
5. The receiver set as follow:

RBW=1MHz, VBW=3MHz Peak detector for Peak value.

RBW=1MHz, VBW see note 1 with Peak Detector for Average Value.

Note 1: For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with 1/T video bandwidth with peak detector for average measurements. For the Duty Cycle please refer to clause 3.8 Duty Cycle.

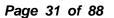
Test Mode

Please refer to the clause 2.4.

CTC Laboratories, Inc.

Room 101 Building B, No. 7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

For anti-fake verification, please visit the official website of China Inspection And Testing





| Ant. Pol. | | Horiz | ontal | | | | | |
|-----------|---|-----------------------|--|---------------------------------------|-------------------------------|-------------------|----------------|-----------|
| est Mod | e: | TX 80 |)2.11b M | ode 2412M | Hz | | | |
| 120.0 dBu | ¥/m | | | | | | | |
| 110 | | | | | | | | |
| 100 | | | | | | | | |
| 90 | | | | | | | \mathcal{A} | |
| 80 | | | | | | | 1 h | |
| 70 | | | | | | FCC Part15 C | Above 1G P | <u>×</u> |
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| 10 | | | | | | | | |
| 0.0 | 2296.50 231 | 50 222 | 6.50 234 | 41.50 (MHz) | 2371.50 | 2386.50 2401 | .50 2416. | 50 2431.5 |
| | I | | | | 1 | | I | |
| | Frequence | | ading BuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
| No. | (MHz) | (3 | | | | | | |
| No. | (MHZ) 2390.00 | | 1.50 | 31.31 | 52.81 | 74.00 | -21.19 | peak |

1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value



| Ant. Po | ol. | | | Vertic | cal | | | | | | |
|-------------|----------------|----------------|--------------|--------|--------------------|------------------------------------|--------|--------------|---|----------------|---------------|
| est M | ode: | | | TX 80 | 02.11b N | lode 2412M | Hz | | | | |
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| 70 – | | | | | | | | | FCC Part15 C | - Above 1G I | <u>1</u> |
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| No |). | | uency Hz) | | eading IBuV) | Factor (dB/m) | | vel V/m) | Limit (dBuV/m) | Margin (dB) | Detector |
| | | 2390 | 0.000 | 1 | 9.24 | 31.31 | 50 | .55 | 74.00 | -23.45 | peak |
| 1 | | 2390 | | - | 5.66 | 31.31 | 00 | .97 | 54.00 | -17.03 | AVG |

1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value



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|------------|----------|------------------|----------------------|--------------------------|---------------------------|-------------------|--------------------------------|----------------|------------------|
| lest | Mode | : | ТХ | (802.11b N | lode 2462MH | Ηz | | | |
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| | | | | | | | | | |
| N | lo. | Frequen (MHz) | | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
| | lo. 1 | | | | | | | | Detector peak |

1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value



| | Vertical | | | | | | | | | | | |
|------------------|---|---|---|--|--|--|---|--|---|---|--|--|
| | TX 802 | .11b M | ode 2462 | MHz | | | | | | | | |
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| equency (MHz) | | | | | | | | | n Detec | tor: | | |
| 483.500 | 16 | .97 | 31.48 | | 48.45 | 74. | 00 | -25.55 | 5 pea | k | | |
| 483.500 | 6. | 18 | 31.48 | | 37.66 | 54. | 00 | -16.34 | AV | G | | |
| | 75 2474.7 requency (MHz) 483.500 | requency (MHz) Rea (MHz) 16. | requency (MHz) Reading (dBuV) 483.500 16.97 | 1 2 2 2 75 2474.75 2489.75 2504.75 75 2474.75 2489.75 2504.75 requency (MHz) Reading (dBuV) Factor (dB/m) 483.500 16.97 31.48 | Image: state | 1 2 2 2 2 2 75 2474.75 2483.75 2 2 75 2474.75 2483.75 2 2 75 2474.75 2483.75 2 2 | Image: Second system FCC Image: Second system FCC | Image: Second system FCC Part15 1 FCC Part15 1 FCC Part15 2 FCC P | Image: Pice Partition FCC Partition | FCC Part15 C - Above 1G PK FCC Part15 C - Above 1G AV Reading (MHz) Factor (dB/m) Level (dBuV/m) Limit (dBuV/m) Margin (dB) Detection 483.500 16.97 31.48 48.45 74.00 -25.55 pear | | |

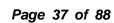


| nt. Pol. | | Horizontal | | | | | |
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| est Mod | le: | TX 802.11g | Mode 2412M | Hz | | | |
| 120.0 dB | u¥/m | | | | | | |
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| 100 | | | | | | | |
| 90 | | | | | | | |
| 80 | | | | | | | <u> </u> |
| 70 | | | | | FCC Part15 0 | Above 1G I | PK |
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| No. | Frequenc (MHz) | y Reading (dBuV) | | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
| 1 | 2390.00 | 0 17.04 | 31.31 | 48.35 | 74.00 | -25.65 | peak |
| 2 * | 2390.00 | 5.84 | 31.31 | 37.15 | 54.00 | -16.85 | AVG |
| | | | | | | | |



| | Vertical | | | | | | |
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| e: | TX 802.11g M | ode 2412MI | Ηz | | | | |
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| 2294.25 2309.25 | 2324.25 23 | 39.25 [MHz] | 2369.25 | 2384.25 2395 | .25 2414 | .25 2429 | |
| Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | |
| 2390.000 | 20.32 | 31.31 | 51.63 | 74.00 | -22.37 | peak | |
| 2390.000 | 5.23 | 31.31 | 36.54 | 54.00 | -17.46 | AVG | |
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1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value





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| | (MHz) | | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | Detector |
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| NO. | 2483.50 | 0 | 19.76 | 31.48 | 51.24 | 74.00 | -22.76 | peak |
| No. 1 2 * | 2483.50 2483.50 | | 19.76 5.61 | 31.48 31.48 | 51.24 37.09 | 74.00 54.00 | -22.76 -16.91 | AVG |
| 1 | | | | | | | | |



| nt. F | Pol. | | | | V | /ertic | al | | | | | | | | | | | | |
|-------------|---------------|-------|-------------|--------------------|----------|--------|--------------|-----|-------|---------------|----|---------------|--------------------|------|----------------|------|----------------------|------|---------|
| est I | Mode | : | | | Т | X 80 |)2.11 | g M | ode 2 | 2462 | ΜН | z | | | | | | | |
| 120.0 | dBu¥ | /m | | | | | | | | | | | | | | _ | | | |
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| N | lo. | Fr | eque (MH | | cy | | eadii Bu\ | | | actor 3/m) | | | vel V/m) | | Limit BuV/n | | Margir (dB) | D | etector |
| 1 | 1 | 2 | 483. | 50 | 0 | 1 | 6.67 | 7 | 31 | .48 | | 48 | .15 | | 74.00 | | -25.85 | 5 1 | beak |
| 2 |) * | 2 | 483. | 50 | 0 | 4 | 1.99 | | 31 | .48 | | 36 | .47 | | 54.00 | | -17.53 | 3 | AVG |
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|-----------------|--|----------|--|--|---|-------------------|----------------|--------------------|
| est Mod | e: | ТХ | 802.11n(H | IT20) Mode 2 | 2412MHz | | | |
| 120.0 dBu | V/m | | | | | | | |
| 110 | | | | | | | | |
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| 0.0 2280.750 | 2295.75 2310. | .75 2 | 325.75 23 | 340.75 (MHz) | 2370.75 | 2385.75 2400 |).75 2415 | <u>5.75 243</u> 0. |
| 2280.750 | Frequenc | y R | Reading | Factor | Level | Limit | Margin | |
| | 1 | y R | | | I | Limit | Margin | 1 |
| 2280.750 | Frequenc | y R (| Reading | Factor | Level | Limit | Margin | |
| 2280.750 No. | Frequenc (MHz) | y F (| eading dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |



| nt. Pol. | | Vertical | | | | | |
|------------|--------------------|-------------------|--|-------------------|-------------------|----------------|------------|
| est Mode | e : | TX 802.11n(H | T20) Mode 2 | 2412MHz | | | |
| 120.0 dBuV | 7/m | | | | | | |
| 110 | | | | | | | |
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| :0 | | | | | ECC Part15 C | - Above 16-P | 2K |
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| o | | | | | FCC Part15 C | Above 16 A | w |
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| 0 | | | | | | | |
| 2279.250 | 2294.25 2309.25 | 2324.25 23 | 39.25 (MHz) | 2369.25 | 2384.25 2399 | .25 2414. | .25 2429.2 |
| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
| | 2390.000 | 15.72 | 31.31 | 47.03 | 74.00 | -26.97 | peak |
| 1 | 2590.000 | | | 37.18 | 54.00 | -16.82 | AVG |

1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value



| | | Horiz | zontal | | | | | | |
|-----------------|-------------------|--------|----------|-------------------|----------|-------|-------------------------------|---|---|
| est Mode | e : | TX 8 | 02.11n(H | T20) Mod | le 2462M | lHz | | | |
| 120.0 dBu¥ | //m | | | 1 | | 1 | | | |
| 110 | | | | | | | | | |
| 100 | | | | | | | | | |
| 90 | | | | | | | | | |
| 0 | | | | | | | ECC Part15 | C - Above 1G | Pr |
| 70 | | | | | | | | C - ADOVE TO | |
| ;0 | | | | - | | | ECC Part15 | C - Above 1G | AY |
| io 茾 | | 1 X | | | | | | C - ADOVE TO | |
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| 0 | | | <u> </u> | | | | | | |
| 0.0 2443.250 | 2458.25 2473 | .25 24 | 88.25 25 | 03.25 M | Hz) 253 | 33.25 | 2548.25 256 | 3.25 257 | 8.25 2593. |
| | F | | eading | Facto | r le | evel | Limit | Margir | Detector |
| No. | Frequenc (MHz) | | dBuV) | (dB/m | | | (dBuV/m | | Dettector |
| No. | | (0 | | |) (dBu | | |) (dB) -25.32 | |

1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value



| Ant. | Pol. | | | V | ertic | al | | | | | | | | | | | | | | |
|-------|---------------|-------------------|----------|---------|-------|---------------|------------|-------|-------|---------|-------------|-------|-------|--------|-----------|---------|--------|-----------|--------|----|
| Test | Mode | : : | | Т | X 80 |)2.11 | n(H | T20) | Mod | e 2 | 462N | 1Hz | | | | | | | | |
| 120.0 |) dBuV. | /m | | | | | | | | | | | | | | | | | | |
| 110 | | | | | | | | | | | | | | | | | | | | |
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| 30 | | | | | | | | | | | | | | _ | | | | | _ | |
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| 10 | | | | | | | | | | | | | | | | | | | - | |
| 0.0 | 44.000 | 2459.00 | 2474 | 4 00 | 248 | <u>a nn e</u> | 25(|)4.00 | [MH | 71 | 25 | 34.00 | 7 | 549.00 | 256 | 4.00 | 257 | 9.00 | 2594 | nn |
| Γ. | | Free | uen | cy | Re | adir | na | Fa | acto | r | Le | evel | | Li | mit | Ma | argir | | | Τ |
| | No. | (N | íHz) | - | (d | Bu∖ | ١ <u>)</u> | (dł | 3/m |) | | | ו) | | ıV/m |) (| dB) | De | tecto | r |
| | 1 | 248 | 3.50 | 0 | 1 | 7.20 |) | 31 | 1.48 | | - 48 | 8.68 | | 74 | .00 | -2 | 5.32 | 2 p | eak | |
| | 2 * | 248 | 3.50 | 0 | 5 | 5.39 | | 31 | 1.48 | | 36 | 6.87 | | 54 | .00 | -1 | 7.13 | B A | VG | |
| | | | | | | | | | | | | | | | | | | | | |
| .Fa | | dB/m) = alue = | | | | | B/m |)+Ca | ble F | ac | tor (d | B)-Pr | e-a | mplif | ier Fa | ctor | | | | |



| | Horizontal | | | | | |
|--|--|--|---|---|---|---|
| »: | TX 802.11n(H | T40) Mode 2 | 2422MHz | | | |
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| | | | | FCC Part15 C | -VAbove 1G F | <u> </u> |
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| | | | 1 × | FCC Part15 C | - Above 16 A | <u> </u> |
| | 4.1.4.1. b b | الأهر بالمراجع والمراجع | 2 Carrier | ľ | | L |
| an and a she was a star of the | | all the second | | | | |
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| | | | | | | .25 2448.2 |
| Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
| 2390.000 | 21.36 | 31.31 | 52.67 | 74.00 | -21.33 | peak |
| 2390.000 | 9.21 | 31.31 | 40.52 | 54.00 | -13.48 | AVG |
| | Vin Vin Vin Vin Vin Vin Vin Vin | //m //m </td <td>//m //m /</td> <td>//m //m /</td> <td>//n //n /</td> <td>//n //n /</td> | //m / | //m / | //n / | //n / |

2.Margin value = Level -Limit value





| t. Pol. | | | | Ve | ertica | al | | | | | | | | | | | | | |
|----------------|---------------|-------------|--------------|--|--------|-------------|----------|----------|---------------|------|---------------|-------------|------|----------------|-------|------------|--------|-----|-------|
| st Mod | e: | | | T) | K 80 | 2.11 | n(H | T40) | Mode | e 24 | 422M | Ηz | | | | | | | |
| 0.0 dBu | V/m | | | | | | | | | | | | | | _ | | | | |
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| | | | | | | | | | | | | | | FCC Part | 15 C | - Above | e 16 P | ĸ | |
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| | | | | | | | | | | | | | | FCC Part | 15 C | - Above | e 16 A | v | |
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| .0 2296.750 | 221 | 1.75 | 2326. | 76 | 234 | 1 76 | | 56.75 | (MH | -1 | 900 | 6.75 | 2401 | 76 | 2416. | 75 | 2431. | 76 | 2446. |
| No. | F | requ (MI | Jency Hz) | y | | adir BuV | ~ 1 | | ictor 3/m) | | | vel V/m) | | Limit BuV/r | n) | Mar (dł | | Det | ector |
| 1 | | 2390 | .000 | | 1 | 6.93 | } | 31 | .31 | | 48 | .24 | | 74.00 | | -25 | 76 | p | eak |
| 2 * | | 2390 | .000 | | 7 | .65 | | 31 | .31 | | 38 | .96 | | 54.00 | | -15 | .04 | A | VG |
| | | | | | | | | | | | | | | | | | | | |

2.Margin value = Level -Limit value



| nt. Pol. | | Н | orizonta | al | | | | | | | | |
|-----------------|------------------|------|--------------|------------|-------------------|--------------|----------------------|--------------------------|--|----------|---------------------|--|
| est Mode | : | T) | X 802.1 | 1n(H | T40) Mo | ode 2 | 2452MI | Hz | | | | |
| 20.0 dBuV | //m | | | | | | | | | | | |
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| | | | | | | | | | FCC Pa | rt15 C | - Above 1G | PK |
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| ' <u> </u> | | | | _ | | | | | FCC Pa | rt15 C | - Above 16 | AV |
| | | | -M | - <u>+</u> | | | | | | | | |
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| 0 | | | | | | | | | | | | |
| D.O 2427.500 | 2442.50 245 | 7.50 | 2472.50 | 24 | 87.50 | (MHz) | 251 | 7.50 | 2532.50 | 2547 | .50 256 | 2.50 2577. |
| No. | Frequen (MHz) | су | Read (dBu | <u> </u> | Fact (dB/r | | | vel V/m) | Limit (dBuV/ | | Margin (dB) | Detector |
| 1 | 2483.50 | 0 | 17.8 | 3 | 31.4 | 8 | 49. | .31 | 74.00 |) | -24.69 | peak |
| 2 * | 2483.50 | 0 | 8.3 | 3 | 31.4 | 8 | 39. | .86 | 54.00 |) | -14.14 | AVG |
| | - | 1 | | | | | | | | | | |



| | TX 80 |)2.11n(H | T40) Mod | 10 2 | 45014 | | | | | | |
|--------------------|-------------------------------|-------------------------------------|---|--|---|--|---|--|--|--|--|
| | | TX 802.11n(HT40) Mode 2452MHz | | | | | | | | | |
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| <u>+</u> | | | | | | | FCC Pa | rt15 C | - Above 16 | РК | |
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| 445 50 2460 | 50 247 | 5 50 24 | 90.50 M | Hzl | 252 | 0 50 | 2535 50 | 2550 | 50 256 | 5 50 25 | 80.9 |
| Frequency (MHz) | | | | | | | | | Margin (dB) | Detecto | or |
| 2483.500 |) 1 | 9.24 | 31.48 | | 50.72 | | 74.00 | | -23.28 | peak | (|
| 2483.500 |) (8 | 8. <mark>08</mark> | 31.48 | 31.48 | | 56 | 54.00 | | -14.44 | AVG | ; |
| | Frequenc (MHz) 2483.500 | Frequency (MHz) (d 2483.500 1 | 445.50 2460.50 2475.50 24 Frequency (MHz) Reading (dBuV) 2483.500 19.24 | Image: Non-State Image: Non-State 445.50 2460.50 2475.50 2490.50 [M 445.50 2460.50 2475.50 2490.50 [M Frequency (MHz) Reading (dBuV) Factor (dB/m) 2483.500 19.24 31.48 | Image: Non-State Image: Non-State 445.50 2460.50 2475.50 2490.50 (MHz) Frequency (MHz) Reading (dBuV) Factor (dB/m) 2483.500 19.24 31.48 | Image: Non-State Image: Non-State< | Addition Addition | Image: Second system Image: Se | Image: Non-State Image: Non-State< | Image: Second system Image: Se | Image: Firequency (MHz) Reading (dBuV) Factor (dB/m) Level (dBuV/m) Limit (dBuV/m) Margin (dB) Detect 2483.500 19.24 31.48 50.72 74.00 -23.28 peak |

1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor

2.Margin value = Level -Limit value